**Team iGEM UFSCar-Brasil**

# SERIAL DILUTION PROTOCOL

1. In sterile laminar flow, using appropriate micropipettes, collect 1 ml of sample using flask bottom sterilization by flame.
2. Transfer entire 1 mL to a quartz cuvette.
3. In a sterile laminar flow, using appropriate micropipettes, collect 1 ml of sterile sample corresponding to the sample of same concentration collected in step 1.
4. Transfer entire 1 mL to another quartz cuvette.
5. Place the cuvette obtained in step 4 in a spectrophotometer set to 600 nm.
6. Using obtained sample in step 4 to adjust analysis blank.
7. Replace cuvette obtained in step 4 for cuvette obtained in step 2.
8. Note values of obtained absorbances. Repeat the steps for all triplicate.